

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 13 June 2001.

INCH-POUND

MIL-PRF-19500/472B  
AMENDMENT 1  
13 March 2001

## PERFORMANCE SPECIFICATION

SEMICONDUCTOR DEVICE, DARLINGTON TRANSISTOR, NPN, SILICON,  
POWER TYPES 2N6350, 2N6351, 2N6352 AND 2N6353  
JAN, JANTX, JANTXV, JANHC AND JANKC

This amendment forms a part of MIL-PRF-19500/472B, dated 10 July 2000 and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

Add the following after the title:

The devices listed in this specification are inactive for new design.

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4.5.2, delete and substitute:

"4.5.2 Delta requirements. Delta requirements shall be as specified below:

Step	Inspection (1)	MIL-STD-750		Symbol	Limit
		Method	Conditions		
1.	Forward current transfer ratio	3076	$V_{CE} = 5 \text{ V dc}$ ; $I_C = 5.0 \text{ mA dc}$ ; pulsed see 4.5.1, $R_{B2E} = 100 \text{ ohm}$	$\Delta h_{FE2}$	$\pm 25$ percent change from initial reading.

(1) The delta measurements for table VIb (JAN, JANTX and JANTXV) for subgroup 3 of MIL-PRF-19500, see 4.5.2, step 1 above."

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TABLE I, subgroup 5, safe operating area (continuous dc), method column; delete "3053" and substitute "3051".

TABLE I, subgroup 5, safe operating area (continuous dc), test 2, conditions column; delete "2.5 mA" and substitute "2.5 A".

Custodians:  
Army - CR  
Navy - EC  
NASA - NA  
DLA - CC

Preparing activity:  
DLA - CC

(Project 5961-2409)

Review activity:  
Army - AV